

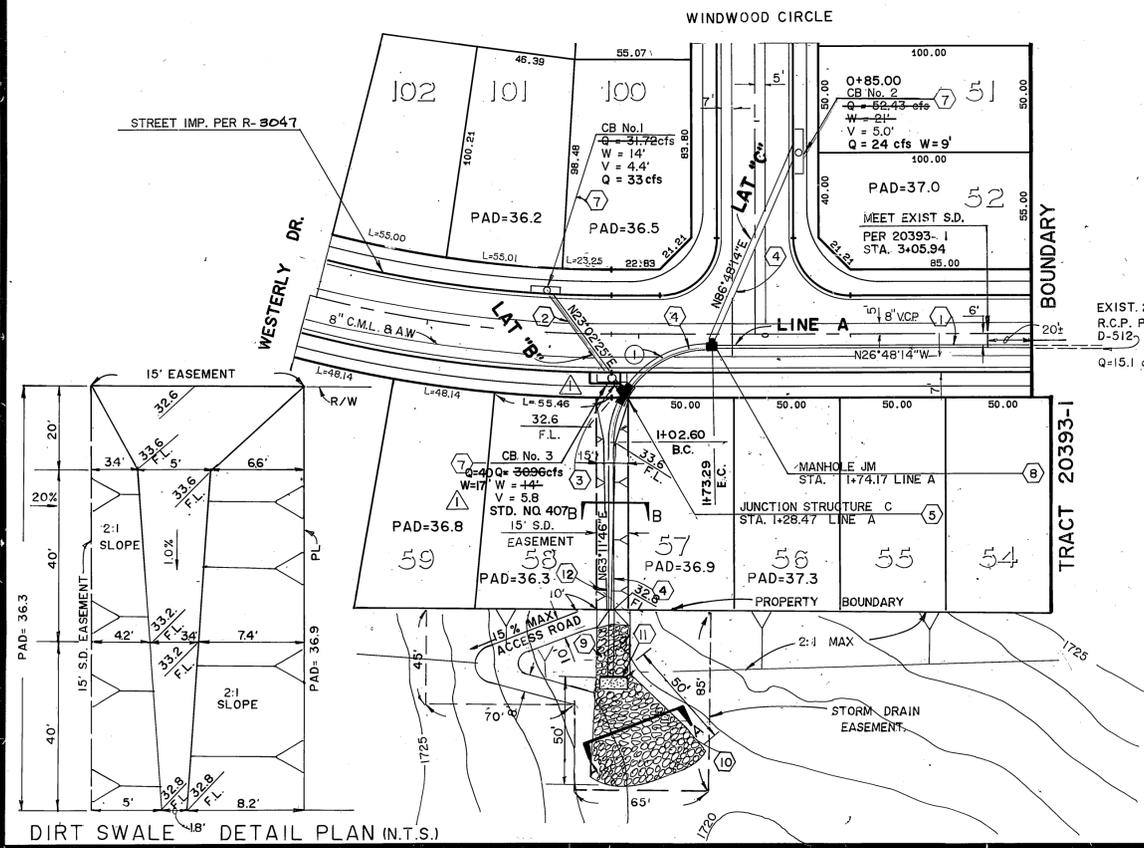
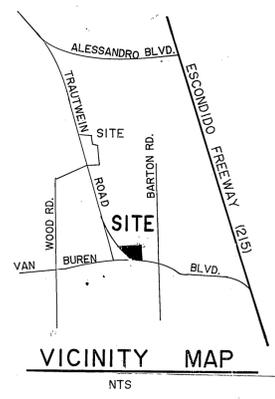
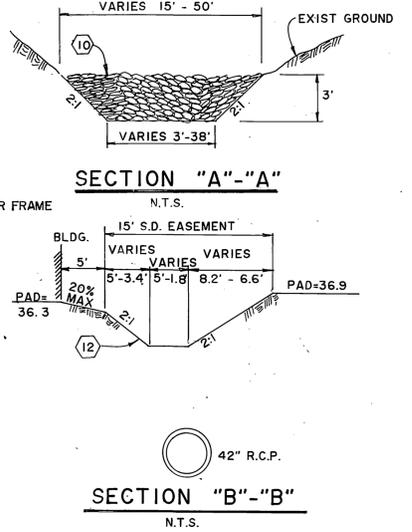
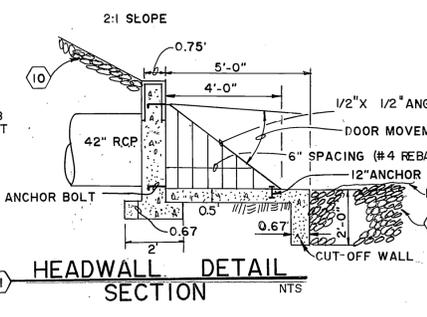
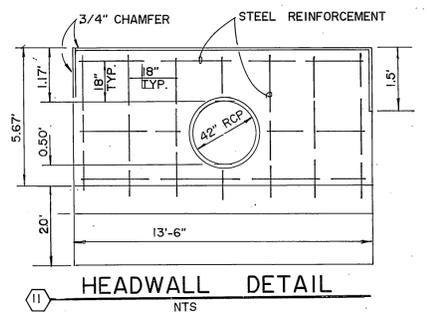
- ### GENERAL NOTES
- It shall be the responsibility of the contractor to clear the right of way in accordance with the provisions of law as it affects each utility including irrigation lines and appurtenances and at no cost to the City.
  - Construction shall be in accordance with City of Riverside Dept. of Public Works Standard Drawings, Std. Dwg. No. 10 & the S.C. Specs. for Public Works Construction Current Edition.
  - The private engineer signing these plans is responsible for assuring the accuracy and acceptability of the work hereon. In the event of discrepancies arising during construction, the private engineer shall be responsible for determining an acceptable solution and revising the plans for approval by the City.
  - Bedding shall be per City of Riverside Std. Dwg. No. 452, Case 1.
  - The developer preparing these plans shall be responsible for preserving or re-establishing and referencing survey monuments destroyed, disturbed or buried as a result of construction shown hereon.
  - All flagged elevations shall be staked in the field by the private engineer.
  - The contractor shall call in a locations request to UNDERGROUND SERVICE ALERT (USA), Phone No. 1-800-422-4133, two working days before digging. No construction permit will be issued by the Public Works Department involving excavation for underground facilities unless the applicant has been provided an Inquiry Identification Number by U.S.A.
  - Before the Rip-Rap is accepted, as placed, at the outlet of any drainage structure, it shall be tested under flows as close as possible to design conditions with water obtained from fire hydrants in the immediate area.

- ### CONSTRUCTION NOTES
- 24" R.C.P. (1350 D)
  - 30" R.C.P. (1350 D)
  - 36" R.C.P. (1350 D)
  - 42" R.C.P. D LOADING VARIES - SEE PROFILES A & C.
  - Construct Junction Structure C per City of Riverside Std. Dwg. No. 422. See chart this sheet.
  - Construct Concrete Collar per City of Riverside Std. Dwg. No. 424.
  - Construct Catch Basin Per City of Riverside Std. Dwg. No. 405 and details shown, or City of Riverside Std. Dwg. No. 407 as noted.
  - Construct Manhole JM per City of Riverside Std. Dwg. No. 432. See chart this sheet.
  - Install 1/4 Ton Grouted Rip-Rap 15' from Headwall per details shown.
  - Install 1/4 Ton Grouted Rip-Rap to limits shown.
  - Construct Headwall per details shown this sheet.
  - Construct Dirt Swale per details this sheet.

### CURVE DATA

No.	Δ	R	L	T
1	90° 00' 00"	45.00'	70.69'	45.00'

MANHOLE JM No. 432 STA. 1+74.17 LINE A		JUNCTION STRUCT. C No. 422 STA. 1+28.47 LINE A	
A = 60' 00" 00"	B = 3.5'	A = 73' 05" 05"	B = 3.0'
C = 5'-1" 8.1'	D <sub>1</sub> = 2.0'	C = 4.2'	D <sub>2</sub> = 3.5"
D <sub>2</sub> = 3.5"	E' = 5'-1" 6.5'	D <sub>1</sub> = 3.5'	E' = 4.1'
L' = 6'-1" 7.5'	EL. R = 29.52	L' = 5.1'	EL. R = 27.52
EL. S = 29.50	EL. S = 27.28		



**Underground Service Alert**  
Call: TOLL FREE  
**1-800-422-4133**  
TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**  
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

PREPARED UNDER THE DISCIPLINE OF  
**REGISTERED CIVIL ENGINEER No. 35165**  
EXPIRATION DATE: 9-30-91 DATE: 12-23-88  
APPROVED BY: [Signature]

**J.F. Davidson Associates, Inc.**  
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE  
3880 Lemon Street, Suite 300 P.O. Box 483 Riverside, CA 92502 (714) 686-0044 FAX 714-686-0554  
11200 S. Mt. Vernon Ave., Suite "D" Colton, CA 92324 (714) 825-1082  
73080 El Paseo, Suite 108 Palm Desert, CA 92260 (818) 346-5691 FAX 818-346-0529  
SCALE: AS SHOWN  
DATE: DEC 1988  
BENCH MARK: V.B. 40-84 ELEV. 1700.870 DATE: 1971  
ON VAN BUREN BLVD. FROM CL. INT. OF VAN BUREN & WOOD RD. 20' N. OF VAN BUREN & THE N. SIDE OF GRANITE BOULDERS, ON TOP OF 3'x15'x18' BOULDER

**AS BUILT PLAN**  
REV. C.B. 5 TO STD. 407 (N=17) & CB#2 (N=9) [Signature]  
MARK REVISIONS [Signature]  
DESIGNED BY: SS DRAWN BY: CMF CHECKED BY: J.D.S.

**CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS**  
APPROVED BY: [Signature] DATE: 1/2/90  
BY: [Signature] DATE: 1/2/90  
TRAFFIC DIVISION: [Signature]  
DATE: 3/2/90

**IN THE CITY OF RIVERSIDE TRACT NO. 20393-3 STORM DRAIN**  
FOR: HOMESTEAD LAND DEV.  
PROJECT NO. D-569  
SHEET 1 OF 1  
FILE NO.: 8810908  
INDEXED 5-17-90 (H)